

ENGINEERING DATA TRANSMITTAL

Page 1 of 1
1. EDT 628330

2. To: (Receiving Organization) PFP Environmental Compliance		3. From: (Originating Organization) PFP Environmental Compliance		4. Related EDT No.: N/A	
5. Proj./Prog./Dept./Div.: Nuclear Material Stabilization/PFP		6. Design Authority/Design Agent/Cog. Engr.: GE Entrop		7. Purchase Order No.: N/A	
8. Originator Remarks: Issue for release				9. Equip./Component No.: N/A	
				10. System/Bldg./Facility: PFP	
				12. Major Assm. Dwg. No.: N/A	
				13. Permit/Permit Application No.: N/A	
11. Receiver Remarks:		11A. Design Baseline Document No.		14. Required Response Date: 7/14/00	

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15. DATA TRANSMITTED					(F)	(G)	(H)	(I)
(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted	Approval Designator	Reason for Transmittal	Originator Disposition	Receiver Disposition
1	HNF-6600	ALL	0	PFP TSU INSPECTION SCHEDULE	E	1	1	

16. KEY		
Approval Designator (F)	Reason for Transmittal (G)	Disposition (H) & (I)
E, S, Q, D OR N/A (See WHC-CM-3-S, Sec. 12.7)	1. Approval 2. Release 3. Information 4. Review 5. Post-Review 6. Dist. (Receipt Acknow. Required)	1. Approved 2. Approved w/comment 3. Disapproved w/comment 4. Reviewed no/comment 5. Reviewed w/comment 6. Receipt acknowledged

17. SIGNATURE/DISTRIBUTION (See Approval Designator for required signatures)										
(G) Reason	(H) Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN	(G) Reason	(H) Disp.	(J) Name	(K) Signature	(L) Date
		Design Authority	N/A							
		Design Agent	N/A							
1	1	Cog. Eng.	GE Entrop	7/14/00	TS-54					
1	1	Cog. Mgr.	RL Rhoten	7/14/00						
		QA	N/A							
		Safety	N/A							
1	1	Env. Mgr.	JE Bramson	7/14/00	TS-54					

18. Signature of EDT Originator <i>[Signature]</i> Date: 7/14/00		19. Authorized Representative for Receiving Organization <i>[Signature]</i> Date: 7/14/00		20. Design Authority/Cognizant Manager N/A by <i>[Signature]</i> Date: 7/14/00		21. DOE APPROVAL (if required) Ctrl No. N/A <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/comments <input type="checkbox"/> Disapproved w/comments	
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HNF-6600
Revision 0

PFP TREATMENT AND STORAGE UNIT INSPECTION SCHEDULE

Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management

Project Hanford Management Contractor for the
U.S. Department of Energy under Contract DE-AC06-96RL13200

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Richland, Washington

	
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Revision 0
EDT 628330

PFP TREATMENT AND STORAGE UNIT INSPECTION SCHEDULE

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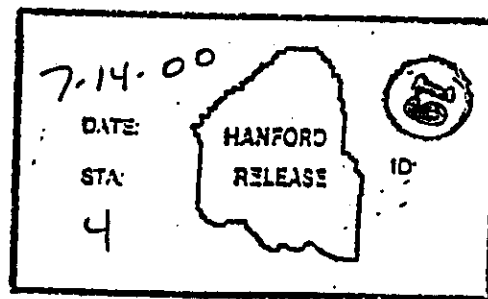
GE Entrop
Fluor Hanford

Date Published
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Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management

Project Hanford Management Contractor for the
U.S. Department of Energy under Contract DE-AC06-96RL13200

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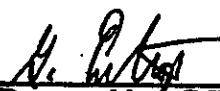
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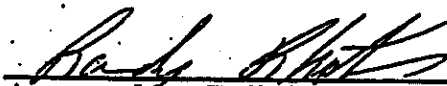
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PFP TREATMENT AND STORAGE UNIT INSPECTION SCHEDULE

APPROVALS


Prepared by: G.E. Entrop Date 7/14/00


Reviewed by: J.E. Bramson, ECO Date 7/14/00


Approved by: R. L. Rhoten, Manager Date 7/14/00
PFP Surveillance

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1.0 INSPECTION SCHEDULE

Inspections performed to ensure that activities associated with the PFP Treatment and Storage Unit comply with the requirements of WAC 173-303-320, WAC 173-303-395(1)(d), and 40 CFR 265.174. The inspection schedule contains the requirement description, inspection frequency and the types of problems looked for on an inspection. The following two tables contain the inspection schedule for the PFP Treatment and Storage Unit.

Table 1. PFP Treatment and Storage Unit Inspection Schedule.

Requirement Description	Inspection Frequency	Types of Problems	Implementing Document
40 CFR 265.174 . Areas where containers are stored	Weekly	Leaks and deterioration caused by corrosion and other factors.	<ul style="list-style-type: none">• FSP-PFP-5-8, Section 1.30, <i>Solid Waste Management</i>• HNF-PRO-5122, <i>Dangerous Waste Generator Activities</i>
WAC 173-303-395(1)(d) Ignitable or reactive waste	Annual where ignitable or reactive wastes are stored	Stored in compliance with Hanford Site fire protection standards	FSP-PFP-5-8, Section 1.30, <i>Solid Waste Management</i>

Table 2. WAC 173-303-320(2) Inspection Schedule.

Requirement Description	Inspection Frequency	Types of Problems	Implementing Documentation
Monitoring equipment:			
High Temperature Alarm/Switch	12 months	An alarm and interlock has been set at 80°C to prevent water from boiling and being lost to the Glovebox.	Preventative Maintenance System database FSP-PFP-5-8 "Plutonium Finishing Plant Administration"
High-High Temperature Alarm/Switch	12 months	A redundant system has been set at 90°C in the event that the lower temperature unit fails.	
Safety and emergency equipment:			
<ul style="list-style-type: none">• First aid kits• Respirators	Weekly	Equipment is present and is functional.	<ul style="list-style-type: none">• ZO-100-032• ZO-170-113
<ul style="list-style-type: none">• Eyewash/shower station• Emergency lighting• Fire extinguishers• Spill cart/spill cabinet• Spill cleanup equipment	Monthly	Equipment is present and is functional.	<ul style="list-style-type: none">• ZO-170-140• ZSR-12N-001• ZO-170-150• ZO-100-031• ZO-100-031
Security devices:			
"Danger unauthorized personnel keep out" signs	Weekly	Signs are posted and legible.	FSP-PFP-5-8, Section 1.30, <i>Solid Waste Management</i>
Operating and structural equipment:			
Glovebox	Each Treatment process	Operability	ZO-160-060
Scale	Each Treatment process	Mass balance of actinide must be sufficiently accurate to support shipment to WIPP	ZO-160-060
Chillwater tank	Each Treatment process	Temperature between 2 and 10°C is desired to maintain calcium/water reaction temperature as low as possible.	ZO-160-060
Auger	Each Treatment process	The feed rate of the SS&C must be restricted in order to limit hydrogen gas generation.	ZO-160-060

Table 2. WAC 173-303-320(2) Inspection Schedule.

Requirement Description	Inspection Frequency	Types of Problems	Implementing - Documentation
Areas subject to spills			
PFP Treatment and Storage Unit	Daily when waste management activities having a potential for a spill to occur	Evidence of spills	<ul style="list-style-type: none">• FSP-PFP-5-8, Section 1.30• ZO-100-400• ZO-100-402

2.0 INSPECTION LOG

An inspection log or summary will be maintained for at least five years from the date of the inspection and will include:

- The date and time of the inspection
- The printed name and the handwritten signature of the inspector
- A notation of the observations made
- An account of the spills or discharges in accordance with WAC 173-303-145
- The date and nature of any repairs or remedial actions taken.

Problems revealed by the inspection will be remedied on a schedule, which prevents hazards to the public health and the environment. Where a hazard is imminent or has already occurred, remedial action must be taken immediately.